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- History:** Happy Birthday!—Tell It to the Marines, Nov. 9, 1942. U. S. Naval History Once Was Made at Tripoli, Jan. 18, 1943.
- Strategic Materials:** Strategic Materials (No. 11): Manganese by the Spoonful for Steel, May 4, 1942. Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ill., May 11, 1942. Strategic Materials from Latin America Aid U. S. War Economy, Mar. 18, 1942.
- War Effort:** Aviation Cadets Now Can Sprout Their Wings in School, 2 ill., May 18, 1942. Building Materials Join the War Effort, Mar. 2, 1942. Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942. Defense Cities, Splitting at Seams, Report Population Boom, Feb. 23, 1942. Priorities That Geography Built, 2 ill., Mar. 23, 1942. War Homes Make Changes in Nation's Landscape, Mar. 16, 1942. Waste Paper Goes to War, Apr. 27, 1942. What Do You Know about Tanks? 2 ill., Nov. 23, 1942. Why Is Scrap Metal Necessary? Oct. 5, 1942. Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ill., May 11, 1942. World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
- California:** Ill.: Building training planes for R. A. F., Inglewood, Feb. 23, 1942; Defense worker's tent, Mission Valley, Mar. 16, 1942; Women workers, aircraft plant, San Diego, May 11, 1942.
- District of Columbia:** Defense Cities, Splitting at Seams, Report Population Boom, Feb. 23, 1942.
- Iowa:** Ill.: Pigs on Iowa farm, Nov. 16, 1942.
- New Mexico:** Ill.: Hopi Indian painting pottery, Mar. 16, 1942.
- New York:** Ill.: LaGuardia Field, May 11, 1942; Plowing with automobile-tractor, May 11, 1942.
- Tennessee:** Ill.: Pencil factory, Shelbyville, Jan. 25, 1943.

- Radio:** Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ills., May 11, 1942.
- Railroads:** Japan's Rail and Ferry Lifelines, May 18, 1942.
New Bible Lands Railway Strengthens Oil Defense, 3 ills., Oct. 26, 1942.
New Defense Service Across Mexican Isthmus of Tehuantepec, Apr. 20, 1942.
Turkey, A Good Vestibule Would Make Bad Battlefield, 2 ills., Feb. 15, 1943 (Geo-Graphic Brevity).
Additional ills.: Steel parts of ships on train, Jan. 18, 1943; Train on Viscas Bridge, Peru, Jan. 25, 1943.
- Rickshaws:** Ill.: Shanghai, China, Nov. 16, 1942.
- Rivers:** "Father Rhine," Bomber's Guide to Germany's War Industries, Oct. 12, 1942.
Inland Waters Safely Carry U. S. War Supplies, Oct. 26, 1942.
Russia's Volga Is Europe's Longest River, May 11, 1942 (Geo-Graphic Brevity).
Suchiate River Gets Anti-Submarine Bridge, Jan. 25, 1943 (Geo-Graphic Brevity).
See also Physical Geography: Rivers.
- Street Cars:** Ill.: Shanghai, China, Nov. 16, 1942; Rio de Janeiro, Nov. 30, 1942; Montevideo, Uruguay, Jan. 4, 1943.
- Subways:** Ill.: Subway station, Buenos Aires, Argentina, Dec. 7, 1942.
- Tanks:** What Do You Know about Tanks? 2 ills., Nov. 23, 1942.

COMMERCE, INDUSTRY, AND AGRICULTURE

- General:** World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
- Agriculture:** Peanuts Volunteer for Front-Line Duty, Apr. 27, 1942.
Additional ills.: Cutting green tops from sugar beets, Utah, Mar. 9, 1942; Air view of gardens, New Guinea, Mar. 30, 1942; Threshing machine harvesting peanuts, Virginia, Apr. 27, 1942; Plowing with automobile-tractor, New York, May 11, 1942; Carrying hay, Albania, Nov. 16, 1942; Pigs, Iowa farm, Nov. 16, 1942; Plowing with horse and camel, Morocco, Nov. 23, 1942; Grass skirt on orange tree as protection against ants, Brazil, Nov. 30, 1942; Outdoor class in agriculture, U. S. S. R., Jan. 11, 1943.
- Aluminum:** Priorities That Geography Built, 2 ills., Mar. 23, 1942.
- Ammunition:** Fourth-of-July Celestine Paints War Scenes Red, Feb. 15, 1943 (Geo-Graphic Brevity).
Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ills., May 11, 1942.
- Balata Gum:** Balata Gum, Cousin of Gutta Percha, Drafted for Military Service, 1 ill., Nov. 30, 1942 (Geo-Graphic Brevity).
- Bananas:** Banned Banana Goes into Partial Eclipse, Feb. 1, 1943.
- Bazaars:** Ill.: Tea House in corner of Bazaar, Afghanistan, Apr. 20, 1942.
- Bristles:** Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
- Butter:** Ill.: Women churning sheep's milk in goat's skin, Tunisia, Dec. 7, 1942.
- Cacao:** Ship Shortage May Diet Your "Chocolate Tooth," Oct. 12, 1942.
U. S. Troops Find Gold Coast Chocolate-Covered, Oct. 26, 1942.
Additional ill.: Workman stirring cacao beans with feet, Guayaquil, Ecuador, Feb. 1, 1943.
- Casein:** Casein Can Make Miss Muffet a Modern Glamour Girl, Jan. 11, 1943.
- Cattle Raising:** Additional ill.: Compact Uruguay, the "Purple Land" of Pastures, 2 ills., 1 map, Jan. 4, 1943.
Additional ill.: Outdoor class in agriculture, U. S. S. R., Jan. 11, 1943.
- Celestine:** Fourth-of-July Celestine Paints War Scenes Red, Feb. 15, 1943 (Geo-Graphic Brevity).
- Cheese:** Ills.: Edam cheeses on wharf, Alkmaar, Netherlands, Feb. 23, 1942; Cheese factory, Wisconsin, Jan. 11, 1943.
- Chewing Gum:** From Aztec to Army Ration: Chewing Gum's Progress, 2 ills., Nov. 2, 1942.
- Chocolate:** See Cacao.
- Coal:** Additional ill.: Piles of coal, Green Bay, Wisconsin, Oct. 26, 1942.
- Coffee:** Coffee, Chief U. S. Hot Drink, Known to West Barely 300 Years, Nov. 23, 1942.
Additional ill.: Sample beans, Department of Agriculture, Guatemala City, Feb. 23, 1942.
- Copper:** War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
Additional ill.: Copper mine, Andes Mountains, Mar. 23, 1942.
- Cork:** Ill.: Wagonload of cork, Seville, Spain, Mar. 23, 1942.
- Cotton:** Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.
Textile-Famed Madras Has Enriched the English Language, May 11, 1942 (Geo-Graphic Brevity).
- Diamonds:** Belgian Congo Riches on United Nations' Side, Mar. 23, 1942.
- Fish and Fishing:** Sardines, a Favorite Meat Substitute from West Coast Waters, Dec. 7, 1942.
War Booms Shark Fishing, 1 ill., Oct. 19, 1942 (Geo-Graphic Brevity).
Additional ills.: Fishermen folding nets, Sète, France, Mar. 2, 1942; Native fishing under water, Sulu Archipelago, Mar. 23, 1942; Cooking cans of tuna, Apr. 13, 1942; Salmon rack, Aleutian Islands, Oct. 19, 1942; Natives fishing, Solomon Islands, Nov. 9, 1942.
- Food:** See Peoples and Cultures: Food.
- Gasoline:** See Oil.
- Gold:** Gold and Savages on New Guinea, U. S.'s Second Largest Island, 3 ills., Mar. 30, 1942.
- Graphite:** Graphite for Writing and Fighting, Jan. 25, 1943.
- Harbors and Ports:** Casablanca, Conference City, Is North Africa's New York, Feb. 15, 1943.
Chittagong, Sea Door for Eastern India, Jan. 18, 1943.
Key Dakar No Longer a Threat to the Americas, Dec. 14, 1942.
Kobe Is Center of Japanese Shipyards and Shipping, 1 ill., Apr. 13, 1942 (Geo-Graphic Brevity).
Lorient, Lair of Axis Submarines, Feb. 15, 1943 (Geo-Graphic Brevity).
Ports of Northwest Italy Cringe Beneath Bombs, Feb. 8, 1943.
Toulon, the Scapa Flow of World War II, Jan. 4, 1943 (Geo-Graphic Brevity).
- Hay:** Ill.: Albanians carrying hay, Nov. 16, 1942.
- Hides:** Ill.: Montevideo, Uruguay, Jan. 4, 1943.
- Imports and Exports:** Balata Gum, Cousin of Gutta Percha, Drafted for Military Service, 1 ill., Nov. 30, 1942 (Geo-Graphic Brevity).
Banned Banana Goes into Partial Eclipse, Feb. 1, 1943.
Belgian Congo Riches on United Nations' Side, Mar. 23, 1942.
Ceylon, Where Japanese Threaten World's Tea Chest, 2 ills., Apr. 27, 1942.
Coffee, Chief U. S. Hot Drink, Known to West Barely 300 Years, Nov. 23, 1942.
From Aztec to Army Ration: Chewing Gum's Progress, 2 ills., Nov. 2, 1942.
Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Portugal Offers Many Products Used by U. S. in War and Peace, Jan. 4, 1943.
Priorities That Geography Built, 2 ills., Mar. 23, 1942.
Rubber Bond Cements Pan American Relations, 2 ills., Apr. 13, 1942.
Teakettles Sing Around the World in Spite of War, Apr. 20, 1942.
U. S. Has Surpassed Germany in Commerce with Russia, Apr. 20, 1942.
War Drafts Sugar for Double Duty, 2 ills., Mar. 9, 1942.
What Foods for the United States Come from Abroad? 3 ills., Feb. 23, 1942.
- Iron and Steel:** Blasts of British Bombs Blend with Mighty Roar of the Ruhr, Feb. 1, 1943.
Italy Lacks Raw Materials for War Machine, 1 ill., Jan. 25, 1943 (Geo-Graphic Brevity).
Steel Shortage: And Sponge Iron to the Rescue, Feb. 8, 1943.
Strategic Materials (No. 11): Manganese by the Spoonful for Steel, May 4, 1942.
Why Is Scrap Metal Necessary? Oct. 5, 1942.
Additional ill.: Steel parts of ships on train, Jan. 18, 1943.
- Irrigation:** Ills.: Air view of irrigation ditches in sugar cane fields, Puerto Rico, Mar. 9, 1942; Air view of drainage ditches, New Guinea, Mar. 30, 1942; Water wheel, China, Oct. 19, 1942.
See also Peoples and Cultures: Dams and Wells.
- Lime Kiln:** Ill.: St. John, Virgin Islands, Mar. 30, 1942.
- Lumbering:** Building Materials Join War Effort, Mar. 2, 1942.
Additional ill.: Elephants pushing teak logs in stream, Burma, Mar. 23, 1942.

Patos Island: See South America: Venezuela.

Philippine Islands: Cebu, Second City of the Philippines, May 4, 1942 (Geo-Graphic Brevity).

Fighting Igorots of the Philippines, Mar. 16, 1942.

Japanese Attacked Only Sultanate under U. S. Flag (Sulu Archipelago), 1 ill., Mar. 23, 1942 (Geo-Graphic Brevity).

Rocky Fortress of Corregidor a Philippine Gibraltar, Mar. 2, 1942 (Geo-Graphic Brevity).

Puerto Rico: Ill.: Air view of Central Mercedita, Mar. 9, 1942.

Réunion Island: Réunion Island, Isolated Bit of France in Indian Ocean, Jan. 11 1943 (Geo-Graphic Brevity).

Savo Island: Islands in the News, Feb. 1, 1943.

Shikoku Island: See Asia: Japan.

Shortland Islands: Islands in the News, Feb. 1, 1943.

Solomon Islands: Islands in the News, Feb. 1, 1943.

Solomon Islands, Where Marines and Japs Clash, Oct. 5, 1942.

Solomons Battlefield of Guadalcanal, 2 ill., Nov. 9, 1942.

Sulu Archipelago: See Philippine Islands.

Sumatra: Sumatra Shares War Danger, Mar. 2, 1942.

Additional ill.: Buffalo-drawn two-wheeled carts, Mar. 9, 1942.

Tahiti: French Islands of the Pacific, Mar. 23, 1942.

Additional ill.: Native spreading vanilla seed pods, Feb. 23, 1942.

Timor: Rangoon to Canberra: Capitals Seized or Threatened, Mar. 30, 1942.

Torres Strait Islands: See Australia.

Virgin Islands: Virgin Islands Face Second War under U. S. Flag, Mar. 20, 1942.

West Indies: See Barbados, Cuba, Patos, Puerto Rico, and Virgin Islands.

POLAR REGIONS

General: Convoy Route to Russia Had 24-Hour Daylight, Oct. 19, 1942.

Islands in the News, Feb. 1, 1943.

Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).

GEOGRAPHY, MAPS, AND MAP MAKING

Maps and Map Making: Geographic Maps Lead Fighters Through Enemy Waters, Feb. 8, 1943 (Geo-Graphic Brevity).

New Map of Asia and Europe Covers All Major Battle Grounds, Nov. 30, 1942.

Maps: Egypt (pictorial map), showing Nile River, Oct. 5, 1942; Panama, showing Canal Zone, May 4, 1942;

Rhine River, Oct. 12, 1942.

Latin American Series: Argentina, Dec. 7, 1942; Bolivia, Jan. 18, 1943; Brazil, Nov. 30, 1942; Chile,

Dec. 14, 1942; Colombia, Feb. 8, 1943; Ecuador, Feb. 1, 1943; Paraguay, Jan. 11, 1943; Peru, Jan. 25,

1943; Uruguay, Jan. 4, 1943.

Additional ill.: Ancient map of Asia, Nov. 30, 1942.

TRANSPORTATION AND COMMUNICATIONS

General: Convoy Route to Russia Had 24-Hour Daylight, Oct. 19, 1942.

Inland Waters Safely Carry U. S. War Supplies, Oct. 26, 1942.

Japan's Rail and Ferry Lifelines, May 18, 1942.

New Allied Life Line Across Africa, Mar. 9, 1942.

World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.

Airplanes and Aviation: Aviation Cadets Now Can Sprout Their Wings in School, 2 ill., May 18, 1942.

Additional ill.: Building training planes for R. A. F., California, Feb. 23, 1942; Transport planes, La-

Guardia Field, New York, May 11, 1942; U. S. Navy patrol bomber, May 11, 1942; Women workers

sorting airplane rivets, San Diego, May 11, 1942; Airport terminal, Baghdad, Iraq, Feb. 8, 1943.

Animals: Ill.: Camels: Tunisia, Dec. 14, 1942; Courier for British forces riding, North Africa, Jan. 14, 1943;

Drawing bucket from well, French Equatorial Africa, Jan. 11, 1943; Palanquin, Libia, Jan. 25, 1943.

Burros and donkeys: Burro-power drill, Bolivia, May 18, 1942; Donkeys, Guatemala, Nov. 2, 1942;

Burro loaded with olive oil cans, Lisbon, Portugal, Jan. 4, 1943. Elephants: Pushing teak logs, Burma,

Mar. 23, 1942; Perahera celebration, Ceylon, Apr. 27, 1942. Horses: Pulling wagons of sugar beets,

Utah, Mar. 9, 1942; British Honduras, May 18, 1942; Pulling ancient Egyptian chariot (painting),

Oct. 5, 1942; Plowing, Morocco, Nov. 23, 1942; Gaucho on horse, Argentina, Dec. 7, 1942. Mules:

Pulling wagonload of cork, Seville, Spain, Mar. 23, 1942; Loading, with bananas, Panama, Feb. 1,

1943. Oxen: Hauling carts, Madagascar, Jan. 25, 1942; Drawing dumpcart, Ambino, Feb. 23,

1942. Water buffalo drawing cart, Sumatra, Mar. 9, 1942. Zebus drawing cart, Goa, India, May

4, 1942.

See also Commerce, Industry, and Agriculture: Cattle raising; Sheep and sheep raising; and Natural

History: Animals.

Automobiles: Ill.: Air view of automobile body plant, Adelaide, Mar. 16, 1942; Plowing with automobile-tractor,

New York, May 11, 1942; On road to Kilaua crater, Hawaii, Apr. 13, 1942; Burma Road, May 18,

1942; On highway at Batrun, Levant States, Oct. 26, 1942; On mountain highway, Turkey, Feb.

15, 1943.

Boats and Ships: Ill.: Loading Edam cheeses on freighter, Alkmaar, Netherlands, Feb. 23, 1942; Native sailing

boat (jalatoti), New Guinea, Mar. 30, 1942; Snake charmer on board ship, Ceylon, Apr. 27, 1942;

Ship going through Panama Canal, May 4, 1942; Sailing ships, Goa, India, May 4, 1942; Russian

tankers, Caspian Sea, Oct. 5, 1942; Ship, North Cape, Norway, Oct. 19, 1942; Boat on shore, St.

Lawrence River; Marine landing party, Nov. 9, 1942; Ship, Fiji Islands, Nov. 23, 1942; Ship, Algiers,

Nov. 30, 1942; Ship parts, Jan. 18, 1943; Fishing boats, Lake of Garda, Italy, Jan. 25, 1943.

Bridges: Subic Bay Gets Anti-Submarine Bridge, Jan. 25, 1943 (Geo-Graphic Brevity).

Additional ill.: Railway bridge, Fuji River, Japan, May 18, 1942; Hangchow, China, Oct. 19, 1942;

Aqueduct bridge, Rio de Janeiro, Brazil, Nov. 30, 1942; Viscas Bridge, Peru, Jan. 25, 1943.

Busses: Ill.: Air-conditioned bus, Baghdad, Iraq, Feb. 8, 1943.

Canals: Pirate-Fighting Panama Strengthens Defenses, 1 ill., 1 map, May 4, 1942.

Additional ill.: Grand Canal, Hangchow, China, Oct. 19, 1942.

Canoes: Ill.: Dugout canoes, Lake Patzcuaro, Mexico, Mar. 2, 1942; Solomon Islands, Nov. 9, 1942. Outrigger

canoe, Marshall Islands, Mar. 2, 1942. Burmese canoe, Mar. 23, 1942; War canoe, Solomon Islands,

Oct. 5, 1942.

Carts and Wagons: Ill.: Handcarts, Sète, France, Mar. 2, 1942; Ox-drawn dumpcart, Ambino, Feb. 23, 1942;

Two-wheel carts, Sumatra, Mar. 9, 1942; Wagonload of cork, Seville, Spain, Mar. 23, 1942; Pulling

barrel of molasses on "spider," Barbados, Feb. 1, 1943.

Chariots: Ill.: Ancient Egyptian chariot (painting), Oct. 5, 1942.

Escalators: Ill.: Subway escalator, Buenos Aires, Argentina, Dec. 7, 1942.

Highways and Roads: Alaska-Canada Highway To Open a New "Last Frontier," 2 ill., Apr. 27, 1942.

Georgia Military Road—130 Miles of Scenery and Danger, Nov. 23, 1942.

India Road to China, a Burma Road Substitute, Mar. 16, 1942.

New Allied Life Line Across Africa, Mar. 9, 1942.

World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.

Additional ill.: Road to Kilaua crater, Hawaii, Apr. 13, 1942; Burma Road, May 18, 1942; Batrun,

Levant States, Oct. 26, 1942; mountain highway, Turkey, Feb. 15, 1943.

Motorcycles: Ill.: Courier for British forces riding motorcycle in desert, North Africa, Jan. 4, 1943.

Pipe Lines: Iraq, Arabian Nights Land, a Moslem Ally for United Nations, Feb. 8, 1943.

World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.

Costumes and Clothing—Continued

- States, Oct. 26, 1942. Shepherds: Peruvian shepherdess, Mar. 2, 1942; Shepherd wearing poncho, Bolivia, Jan. 18, 1943. Koreans (2 ills.), Nov. 9, 1942. Veiled women, Algiers, Nov. 30, 1942. Woman of desert nomad tribe, Sahara Desert, Dec. 7, 1942.
- Dams:** World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
See also Commerce, Industry, and Agriculture; Irrigation.
- Dancers and Dancing:** Ill.: Nashi priests, China, Feb. 1, 1943.
- Dwellings:** Building Materials Join the War Effort, Mar. 2, 1942.
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Oddities of Tunisia, Jan. 4, 1943.
War Homes Make Changes in Nation's Landscape, Mar. 16, 1942.
Additional ills.: Huts: Fiji Islands, Nov. 23, 1942; Bolivia, Jan. 18, 1943; Madagascar, Oct. 12, 1942; New Guinea (air view), Mar. 30, 1942; Jungle village, Sumatra, Mar. 2, 1942; Gangué, Africa, Mar. 9, 1942. Mud-and-wattle house, Belgian Congo, Mar. 23, 1942; Half-underground winter home, Aleutian Islands, May 11, 1942; Tananarive, Madagascar, May 11, 1942; Native home, British Honduras, May 18, 1942; Camp in jungle, Guatemala, Nov. 2, 1942; Korean home, Nov. 9, 1942; Djerba (island), Tunisia, Dec. 14, 1942; Home of Columbus, Genoa, Italy, Feb. 8, 1943.
- Education:** Ills.: Russian school, Oct. 12, 1942; Outdoor class in agriculture, U. S. S. R., Jan. 11, 1943.
- Eskimos:** *See* Races and Tribes: Aleuts.
- Expeditions and Explorations:** Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Peru, Home of Empire Builders (reference to National Geographic Society-Yale University expedition), 2 ills., 1 map, Jan. 25, 1943.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ill.: Dr. and Mrs. Mann visiting jungle village, Sumatra, on National Geographic Society-Smithsonian Institution East Indies Expedition, Mar. 2, 1942.
- Flags:** Ills.: Chile, Dec. 14, 1942; Uruguay, Jan. 4, 1943.
- Food:** ABC's of Vitamins for Victory, May 4, 1942.
Roman Air Sars (Gehes, Too), Jan. 4, 1943 (Geo-Graphic Brevity).
Tin Can: A Trash-to-Treasure Success Story, Apr. 13, 1942.
What Foods for the United States Come from Abroad? 3 ills., Feb. 23, 1942.
Additional ills.: Family eating rice, Thailand, Apr. 20, 1942; Aviation Cadets at mealtime, Randolph Field, May 18, 1942; Chinese food, Nov. 16, 1942; preparing sago flour, Papua, Feb. 15, 1943.
See also Commerce, Industry, and Agriculture: Bananas, Butter, Cacao, Cheese, Coffee, Fish and Fishing, Maté, Molasses, Peanuts, Pineapples, Rice, Salt, Sugar, Tea, Vanilla, and Natural History: Fruit.
- Forts and Fortresses:** Rocky Fortress of Corregidor a Philippine Gibraltar, Mar. 2, 1942 (Geo-Graphic Brevity).
Additional ill.: Ancient Indian fortress, Sacahuaman, Peru, Jan. 25, 1943.
- Guns:** What Do You Know about Tanks? 2 ills., Nov. 23, 1942.
Additional ill.: Forging gun, Germany, Feb. 1, 1943.
See also Commerce, Industry, and Agriculture: Ammunition.
- Handicrafts:** Ills.: Women weaving with hand loom, Northern Ireland, Feb. 23, 1942; Hopi Indian painting pottery, New Mexico, Mar. 16, 1942; Native women making pottery, Belgian Congo, Mar. 23, 1942.
- Holidays, Celebrations, and Customs:** Christmas Comes with the Kings, South of the Border, Dec. 14, 1942.
Soviet Union to Observe 25th "Independence Day," Nov. 9, 1942 (Geo-Graphic Brevity).
Additional ills.: Perahera procession, Ceylon, Apr. 27, 1942; Bridal palanquin, Libia, Jan. 25, 1943.
- Indians:** Ecuador: Equator Land of Ice and Volcanic Fire, 2 ills., 1 map, Feb. 1, 1943.
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
Peru, Home of Empire Builders, 2 ills., 1 map, Jan. 25, 1943.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ills.: Tarascan Indian, Le Pátzcuaro, Mexico, Mar. 2, 1942; Hopi Indian painting pottery, New Mexico, Mar. 16, 1942; Tehuana Indian women, Tehuantepec, Mexico, Apr. 20, 1942; Indian boys, Yukon, Apr. 27, 1942; Indians on horseback, Dec. 14, 1942; Bolivia, Jan. 18, 1943.
- Lighthouse:** Ill.: Ruins of Roman lighthouse, Dover, England, Apr. 27, 1942.
- Marines:** Happy Birthday!—Tell It to the Marines, Nov. 9, 1942.
U. S. Naval History Once Was Made at Tripoli, Jan. 18, 1943.
- Music and Musicians:** Ill.: Native band, Fiji Islands, Nov. 23, 1942.
- National Geographic Magazine:** Casein Can Make Miss Muffet a Modern Glamor Girl (reference to paper used in National Geographic Magazine), Jan. 11, 1943.
- National Geographic Society:** Banned Bananas Goes to Partial Eclipse (reference to National Geographic Society expeditions to Central America), Feb. 1, 1943.
Geographic Maps Lead Fighters Through Enemy Waters, Feb. 8, 1943 (Geo-Graphic Brevity).
Mysteries of Ancient American History Solved, 2 ills., Mar. 16, 1942.
New Map of Asia and Europe Covers All Major Battle Grounds, Nov. 30, 1942.
Peru, Home of Empire Builders (reference to National Geographic Society-Yale University expedition), 2 ills., 1 map, Jan. 25, 1943.
Additional ills.: Dr. and Mrs. Mann visiting jungle village, Sumatra, on National Geographic Society-Smithsonian Institution East Indies Expedition, Mar. 2, 1942; National Geographic Society-Smithsonian Institution expedition unearthing tomb, La Venta, Mexico, Jan. 18, 1943.
- Pearl Divers:** Ill.: Bahrain Islands, Nov. 2, 1942.
- Pencils:** Graphite for Writing and Fighting, Jan. 25, 1943.
- Population:** Defense Cities, Splitting at Seams, Report Population Boom, Feb. 23, 1942.
- Prisons:** Japan's Prison Island for Americans, May 4, 1942 (Geo-Graphic Brevity).
Additional ill.: Ile Royale, French Guiana, Feb. 23, 1942.
- Pyramids:** Ill.: Pyramids of Giza, Egypt, Oct. 5, 1942.
- Races and Tribes:** Fighting Igorots of the Philippines, Mar. 16, 1942.
Gold and Savages on New Guinea, World's Second Largest Island, 3 ills., Mar. 30, 1942.
Oddities of Tunisia, Jan. 4, 1943.
People of Pacific Papua, New Guinea's Southeast Quarter, 2 ills., Feb. 15, 1943.
Varied Peoples of India, 3 ills., Apr. 20, 1942.
Additional ills.: Aleuts, Aleutian Islands, May 11, 1942; Oct. 19, 1942. Arabs: Libia, Jan. 11, 1943; Pearl divers, Bahrain Islands, Nov. 2, 1942. Copts, Eritrea, Oct. 19, 1942. Chinese (2 ills.), Nov. 16, 1942. Filipinas, Hawaii, Nov. 23, 1942. Koreans, Nov. 9, 1942. Moslems: Tunisia, May 4, 1942; Moslem children, Delhi, India, Jan. 18, 1943. Nashi priests, China, Feb. 1, 1943. Natives: Spreading vanilla seed pods, Tahiti, Feb. 23, 1942; On outrigger canoe, Marshall Islands, Mar. 2, 1942; Carrying pig, Bali, Mar. 9, 1942; Children in doorway of home, Cameroons, Africa, Mar. 9, 1942; Woman making pottery, Belgian Congo, Mar. 23, 1942; Fishing under water, Sulu Archipelago, Mar. 23, 1942; Solomon Islands, Oct. 5, 1942; (2 ills.) Nov. 9, 1942; Medicine man, Madagascar, Oct. 12, 1942; Fiji Islanders, Nov. 23, 1942; Carrying sacks of peanuts, Dakar, Sénégal, Dec. 14, 1942; New Guinea, Mar. 30, 1942; Jan. 4, 1943. Thailand family eating rice, Apr. 20, 1942.
See also Indians.
- Religions:** Bombs May Disturb Strange Parsi Funeral Rites, Nov. 2, 1942 (Geo-Graphic Brevity).
Varied Peoples of India, 3 ills., Apr. 20, 1942.
Additional ills.: Buddhas, Paungu Caves, Burma, Mar. 23, 1942; Wooden idols with pig jawbones, New Hebrides, Dec. 14, 1942; Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943; Nashi priests dancing before religious banners on outdoor altar, China, Feb. 1, 1943.
- Sailors:** Ills.: Sailors and marines, Nov. 9, 1942; U. S. sailor, Shanghai, China, Nov. 16, 1942.
- Sculpture:** Ills.: Jaguar altar, Mexico, Mar. 16, 1942; Carved marble interior of Jain temple, Rajputana, India, Apr. 20, 1942; Sphinx, Egypt, Oct. 5, 1942; Columns of ancient temple and carved figure, Mexico, Nov. 2, 1942; Ancient carved-stone statue, Colombia, Feb. 8, 1943.
- Sewing Machine:** Ill.: Boy playing with sewing machine, Djibouti, French Somaliland, Jan. 25, 1943.

- Manganese:** Strategic Materials (No. 11): Manganese by the Spoonful for Steel, May 4, 1942.
- Markets and Venders:** Ills.: Hat vender, Ecuador, Nov. 16, 1942; Fez, Morocco, Dec. 7, 1942; Arabs, Bengasi, Libya, Jan. 11, 1943; Olive oil peddler with burro, Lisbon, Portugal, Jan. 4, 1943; Meat market, Tripoli, Libya, Jan. 18, 1943.
See also Bazaars.
- Maté:** Ill.: Gaucho drinking maté, Argentina, Dec. 7, 1942; Smoking yerba maté leaves, Paraguay, Jan. 11, 1943.
- Metals:** Strategic Materials from Latin America Aid U. S. War Economy, May 18, 1942.
Why Is Scrap Metal Necessary? Oct. 5, 1942.
See also Aluminum, Copper, Gold, Iron and Steel, Manganese, Nickel, Platinum, Silver, and Tin.
- Milk:** Casein Can Make Miss Muffet a Modern Glamour Girl, Jan. 11, 1943.
- Mines and Minerals:** Americans in New Caledonia Are Far from Home, May 18, 1942.
Cornwall's Tin "Pixies" to Help United Nations, 1 ill., Oct. 5, 1942 (Geo-Graphic Brevity).
Mountain-Tiered Bolivia, Mineral War Chest, 2 ill., 1 map, Jan. 18, 1943.
Ribbon-Shaped Chile, the Three-in-One Republic, 2 ill., 1 map, Dec. 14, 1942.
Strategic Materials from Latin America Aid U. S. War Economy, May 18, 1942.
Yunnan, China's Back Door Province of Mines and Magic, Feb. 1, 1943.
Additional ill.: Copper mine, Chile, Mar. 23, 1942.
See also Celestite, Diamonds, Graphite, Metals, and Quartz crystal.
- Molasses:** Ill.: Pulling barrel of molasses on "spider," Barbados, Feb. 1, 1943.
- Nickel:** War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
- Oil:** Gasoline a Young Problem Child of Old Oil Industry, Jan. 25, 1943 (Geo-Graphic Brevity).
Oil-Thirsty Australia Reaches Across Oceans for Fuel, Feb. 8, 1943 (Geo-Graphic Brevity).
Petroleum Is a Stake in Burma, Apr. 27, 1942 (Geo-Graphic Brevity).
Russian Oil, Magnet of the Caucasus, Oct. 5, 1942.
Santa Elena Peninsula in Ecuador's Oil Area, New U. S. Base, Nov. 16, 1942.
Additional ill.: Oil geologist, New Guinea, Nov. 16, 1942.
See also Transportation: Pipe Lines.
- Paper:** Waste Paper Goes to War, Apr. 27, 1942.
Additional ill.: Planting pineapples in paper, Hawaii, Apr. 13, 1942.
- Peanuts:** Peanuts Volunteer for Front-Line Duty, Apr. 27, 1942.
- Pigs:** Additional ill.: Native carrying sack of peanuts, Dakar, Sénégal, Dec. 14, 1942.
Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Additional ill.: Native carrying pig, Bali, Mar. 9, 1942; Pigs on Iowa farm, Nov. 16, 1942; Idols wearing jawbones of pigs, New Hebrides, Dec. 14, 1942.
- Pineapples:** Ill.: Planting, in paper, Hawaii, Apr. 13, 1942.
- Plastics:** Casein Can Make Miss Muffet a Modern Glamour Girl, Jan. 11, 1943.
- Platinum:** Ill.: Nuggets, Apr. 20, 1942.
- Power Plant:** Ill.: Power plant, Lake of Garda, Italy, Jan. 25, 1943.
- Priorities:** Priorities That Geography Built, 2 ill., Mar. 23, 1942.
See also individual items.
- Quartz Crystal:** Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ill., May 11, 1942.
- Rayon:** Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.
- Rice:** Japan Now Controls the Orient's Export Rice, 1 ill., Apr. 20, 1942 (Geo-Graphic Brevity).
- Rubbers:** Rubber Bond Cements Pan American Relations, 2 ill., Apr. 13, 1942.
- Salt:** Ill.: Natives carrying salt, Eritrea, Oct. 19, 1942.
- Sheep and Sheep Raising:** Ills.: Earmarking sheep, Argentina, Mar. 9, 1942; Shepherds, Caucasus Mountains, Nov. 23, 1942; Drying sheepskins, Chile, Dec. 14, 1942.
See also Peoples and Cultures: Shepherds.
- Silk:** Silk Salvage Completes a Stocking Cycle, Nov. 30, 1942.
- Silver:** War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
- Steel:** See Iron and Steel.
- Sugar:** War Drafts Sugar for Double Duty, 2 ill., Mar. 9, 1942.
- Tea:** Ceylon, Where Japanese Threaten World's Tea Chest, 2 ill., Apr. 27, 1942.
Teakettles Sing Around the World in Spite of War, Apr. 20, 1942.
- Tin:** Cornwall's Tin "Pixies" to Help United Nations, 1 ill., Oct. 5, 1942 (Geo-Graphic Brevity).
Tin Can: A Trash-to-Treasure Success Story, Apr. 13, 1942.
Additional ill.: Drilling for tin ore, Bolivia, May 18, 1942; Women sorting tin ore, Bolivia, Jan. 18, 1943.
- Vanilla:** Ills.: Native spreading seed pods, Tahiti, Feb. 23, 1942; Vanilla vine, Oct. 12, 1942.
- Wool:** Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.

PEOPLES AND CULTURES

- General:** Scientists Keep Digging in 1942, Jan. 18, 1943.
- Altars:** Ills.: Jaguar altar, Mexico, Mar. 16, 1942; Nishi priests dancing before outdoor altar, China, Feb. 1, 1943.
- Archeology:** Mysteries of Ancient American History Solved, 2 ill., Mar. 16, 1942.
Scientists Kept Digging in 1942, Jan. 18, 1943.
Additional ill.: Temple columns and carved figure, Mexico, Nov. 2, 1942; Ancient carved-stone statue, Colombia, Feb. 8, 1943.
- Beauty Shops:** Ill.: Street beauty shops, Hong Kong, Nov. 16, 1942.
- Castles and Palaces:** Ills.: Georgian castle, Caucasus Mountains, Nov. 23, 1942; Norman castle, Dover, England, Apr. 27, 1942.
- Children:** Ills.: Aleut children, Aleutian Islands, May 11, 1942; Oct. 19, 1942. Boy playing with sewing machine, Djibouti, French Somaliland, Jan. 25, 1943. Child in underground home, Tunisia, Jan. 4, 1943. Chinese children, Nov. 16, 1942. Family eating rice, Thailand, Apr. 20, 1942. Indian children: Aymará Indian baby, Bolivia, Jan. 18, 1943; Indian baby dressed up in parka, Yukon, Apr. 27, 1942. Korean children, Nov. 9, 1942. Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943. Native children: Boy opening coconut, Apataki Island, Mar. 23, 1942; In doorway of home, Cameroons, Africa, Mar. 9, 1942; New Caledonia, May 18, 1942; New Hebrides, Dec. 14, 1942; Sumatra, Mar. 2, 1942. Russian school children, Oct. 12, 1942.
- Churches, Mosques, and Temples:** Ills.: Cave temple, Paungu Caves, Burma, Mar. 23, 1942; Temple attendant, Benares, India, Apr. 20, 1942; Interior of Jain temple, Rajputana, India, Apr. 20, 1942; Ancient temple, Mexico, Nov. 2, 1942; Interior of cathedral, Trondheim, Norway, Nov. 2, 1942.
- Coins:** War Takes Nickel out of "Nickel," Pinches Pennies, Mar. 30, 1942.
Additional ill.: Ancient money in shape of fishhooks, nails, rings, and tree, Mar. 30, 1942.
- Commandos:** Commandos Raid Channel Steppingstone, Isle of Sark, Nov. 2, 1942.
Dieppe Was Geography Problem for Commandos, Oct. 5, 1942 (Geo-Graphic Brevity).
- Costumes and Clothing:** Casein Can Make Miss Muffet a Modern Glamour Girl, Jan. 11, 1943.
Conservation from Head to Heel Saves Clothing from Afar, Mar. 9, 1942.
Sikhs Had a Word for It: Khaki, 1 ill., Jan. 4, 1943 (Geo-Graphic Brevity).
Silk Salvage Completes a Stocking Cycle, Nov. 30, 1942.
Veils for Moslem Women Still Important in North Africa, 1 ill., Dec. 7, 1942 (Geo-Graphic Brevity).
Additional ill.: Aviation Cadets, Randolph Field, Texas, May 18, 1942. Hair arrangements: Natives, New Guinea, Jan. 4, 1943; Natives wearing fishnet hairnet, New Guinea, Mar. 30, 1942. Hats: Hat vender, Ecuador, Nov. 16, 1942; Women mine workers wearing straw hats, Bolivia, Jan. 18, 1943; Native wearing beanie hat, Bali, Mar. 9, 1942; Highlanders, Eritrea, Oct. 19, 1942. Indians: Tehuana Indian women, Mexico, Apr. 20, 1942; Indian baby dressed up in parka, Yukon, Apr. 27, 1942. Moslems: Moslem children wearing fezzes, Delhi, India, Jan. 18, 1943; Moslems wearing burpees, Tunisia, May 4, 1942; Negroes in Moslem dress, Libia, Jan. 18, 1943. Natives' dress: Native girl wearing *lambo*, Madagascar, Oct. 12, 1942; Native girls wearing tapa cloth *sulus* (sarongs), Fiji Islands, Nov. 23, 1942; Grass skirts, Marshall Islands, Mar. 2, 1942. Phoenician women, Levant

- Shepherds:** Ills.: Peruvian shepherdess, Mar. 2, 1942; Ingush shepherds, Caucasus Mountains, Nov. 23, 1942; Shepherd wearing poncho, Bolivia, Jan. 18, 1943.
- Soldiers:** Ills.: Cadets drilling, Japan, Apr. 13, 1942; Soldiers from India, Egypt, Oct. 5, 1942; Chinese soldiers, Hangchow, China, Oct. 19, 1942; U. S. soldiers and tank, Nov. 23, 1942.
- Sports and Games:** Ills.: Skiing, Mt. Buffalo, Australia, Mar. 16, 1942; Mountain climbing, Caucasus Mountains, Nov. 2, 1942.
- Tombs:** Ill.: Unearthing stockade tomb, La Venta, Mexico, Jan. 18, 1943.
- Toys:** Ills.: Rubber toys in Walt Disney characters, Apr. 13, 1942; Toy Mexican straw horse, Dec. 14, 1942.
- Vitamins:** ABC's of Vitamins for Victory, May 4, 1942.
- Weapons:** Ills.: Igorot spear and head ax, Philippine Islands, Mar. 16, 1942; Natives with bows and arrows, New Guinea, Mar. 30, 1942.
See also Commerce, Industry, and Agriculture: Ammunition.
- Wells:** Ill.: Native sinking well in desert, French Equatorial Africa, Jan. 11, 1943.
- Women War Workers:** Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ills., May 11, 1942.

NATURAL HISTORY

- Animals:** Madagascar Landscape a Freak Show of Nature, 2 ills., Oct. 12, 1942.
Old Paint Brushes Stay on Job as Bristle Imports Stop, Nov. 16, 1942.
Additional ills.: Dogs: In jungle village, Sumatra, Mar. 2, 1942; Argentina, Dec. 7, 1942. Llamas, Peru, Mar. 2, 1942; Jan. 25, 1943. Native carrying pig, Bali, Mar. 9, 1942; Camels, Fezzan, Mar. 30, 1942; Caribou swimming Yukon River; Snake charmer with cobra and mongoose, Ceylon, Apr. 27, 1942; Turtle, Galapagos Islands, Oct. 12, 1942; Horses and cows in sight of outdoor class in agriculture, U. S. S. R., Jan. 11, 1943; Meat market, Tripoli, Libia, Jan. 18, 1943; Ocelot, Ecuador, Feb. 1, 1943.
See also Commerce, Industry, and Agriculture: Pigs; Sheep and sheep raising; and Transportation: Animals.
- Birds:** Ills.: Sheep-eating parrot (*kea*), New Zealand, Apr. 13, 1942; Packing baby chicks in paper cartons, Virginia, Apr. 27, 1942; Natives with cassowary, Papua, Feb. 15, 1943.
- Cacti:** Ills.: Giant cardon cacti, Baja, California, Mar. 9, 1942; Cacti, Galapagos Islands, Oct. 12, 1942.
- Fish:** Ills.: Native boy opening coconut, Apataki Island, Mar. 23, 1942; Grapefruit tree, May 4, 1942; Fruit cluster of oil palm, Oct. 26, 1942.
- Fruit:** See also Commerce, Industry, and Agriculture: Bananas, and Pineapples.
- Trees:** Madagascar Landscape a Freak Show of Nature, 2 ills., Oct. 12, 1942.
Additional ills.: Tree-ferns, Hawaii, Apr. 13, 1942; Grapefruit tree, Texas, May 4, 1942; Cacao tree, Oct. 12, 1942; Fruit cluster of oil palm, Oct. 26, 1942; Balata tree, Nov. 30, 1942; Orange trees with protection against ants, Brazil, Nov. 30, 1942; Date palms, Tunisia, Dec. 14, 1942; Banana trees, Panama, Feb. 1, 1943; preparing sago flour from sago palm, Papua, Feb. 15, 1943.

PHYSICAL GEOGRAPHY

- Caves:** Ill.: Cave temple, Paingu Caves, Burma, Mar. 23, 1942.
- Cliffs:** Ills.: North Cape, Norway, Oct. 19, 1942; Channel Islands, Nov. 2, 1942; Owen Stanley Mountains, New Guinea, Oct. 26, 1942.
- Deserts:** Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Libian Desert Dwellers Plug Noses Against the Khamsin, 1 ill., May 11, 1942 (Geo-Graphic Brevity).
Additional ills.: Couriers for British forces, North Africa, Jan. 4, 1943; Native sinking well in desert, French Equatorial Africa, Jan. 11, 1943.
- Glaciers:** Chalaat Glacier, Caucasus Mountains, Nov. 2, 1942.
- Lakes:** Chad, Mid-African French Colony, Named for "Breathing" Lake, Jan. 11, 1943.
Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Additional ills.: Lake Patzcuaro, Mexico, Mar. 2, 1942; Lake of Garda, Italy, Jan. 25, 1943.
- Lava:** Ill.: Lava mounds, Galapagos Islands, Oct. 12, 1942.
- Mountains:** Frosty Caucasus Wall, Russia's Mountain Rampart, 2 ills., Nov. 2, 1942.
Owen Stanley Mountains a Jungle Battleground, Oct. 26, 1942.
Additional ills.: Andes Mountains: Copper mine, Mar. 23, 1942; Peru, Jan. 25, 1943; Peak of Ausangate, Peru, Mar. 2, 1942; Himalayas, Asia, Mar. 16, 1942; Mount Kazbek, Caucasus Mountains, Nov. 23, 1942; Toros Mountains, Turkey, Feb. 15, 1943.
- Oases:** Ills.: Fezzan, Libia, Mar. 30, 1942; Meat market, Tripoli, Libia, Jan. 18, 1943.
- Rain Forest:** Ill.: New Guinea, Nov. 16, 1942.
- Rivers:** Egypt: An Innocent Bystander Embroiled (Nile River), 2 ills., 1 map, Oct. 5, 1942.
St. Lawrence Waters Exceed Great Lakes in Area, 1 ill., Nov. 9, 1942 (Geo-Graphic Brevity).
Additional ills.: Salween River gorge through Himalayas, Mar. 16, 1942; Caribou swimming Yukon River, Apr. 27, 1942; Fuji River, Japan, May 18, 1942; Laloki River waterfalls, New Guinea, Oct. 26, 1942; Angara River, U. S. S. R., Oct. 26, 1942; Sepik River, New Guinea, Nov. 16, 1942; Ziz River, Morocco, Dec. 7, 1942.
See also Transportation: Rivers.
- Snow:** Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).
- Volcanoes:** Ecuador: Equator Land of Ice and Volcanic Fire, 2 ills., 1 map, Feb. 1, 1943.
Additional ills.: Mount Fuji, Japan, May 18, 1942.
- Waterfalls:** Ill.: Rona Falls, New Guinea, Oct. 26, 1942.
- Weather:** Exploring French North Africa's Desert Reaches, Dec. 7, 1942.
Flat Russia's Winter Sweeps Far South, Oct. 26, 1942.
Oddities of Tunisia, Jan. 4, 1943.
Rain Hammers Both Sides in New Guinea Battles, Nov. 16, 1942.
Riddle of Snowfall Teases Weather Hobbyists, 1 ill., Feb. 8, 1943 (Geo-Graphic Brevity).
See also Winds.
- Winds:** Libian Desert Dwellers Plug Noses Against the Khamsin, 1 ill., May 11, 1942 (Geo-Graphic Brevity).
Monsoon Lords It over Asiatic Battlefields, 1 ill., May 18, 1942 (Geo-Graphic Brevity).

SCIENCE

- Chemistry:** Casein Can Make Miss Muffet a Modern Glamor Girl, Jan. 11, 1943.
- Engineering:** World War Spurs Building and Manufacturing in 1942, Jan. 18, 1943.
- Machinery, Instruments, Etc.:** Graphite for Writing and Fighting, Jan. 25, 1943.
Women at Work: How Aunt America Helps Uncle Sam Fight, 2 ills., May 11, 1942.
Additional ills.: Manganese steel in drop forge, May 4, 1942; "Burner" using acetylene torch, Oct. 5, 1942; Oil geologist surveying, New Guinea, Nov. 16, 1942.
- Radio:** Strategic Materials (No. 12): Quartz Crystal, Robot Boss of Radio, 2 ills., May 11, 1942.

